

Converting Colors

Hex(865F9C)

Have a look what the booklet for
Hex(865F9C) contains.

Hex(865F9C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(865F9C)

Conversions

Conversions Part 1

Format	Color
Hex	865F9C
RGB	134, 95, 156
RGB Percent	53%, 37%, 61%
CMY	0.4745, 0.6275, 0.3882
CMYK	0.14, 0.39, 0.00, 0.39
HSL	278°, 24%, 49%
HSV	278°, 39%, 61%
XYZ	19.9245, 15.6531, 33.4237
YIQ	113.6150, 3.6630, 27.2390

Conversions

Conversions Part 2

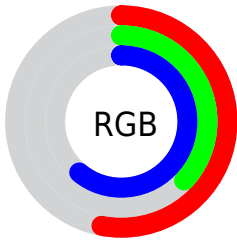
Format	Color
R_{YB}	134, 95, 156
Decimal	8806300
CIE _{Lab}	46.52, 27.55, -27.13
CIE _{LCh}	47, 38.669, 315.446
Yxy	15.6531, 0.2888, 0.2269
Android (android.graphics.Color)	4286996380 (0xFF865F9C)
YUV	113.6150, 20.8958, 17.8776
Hunter-Lab	39.5639, 20.6561, -22.3936

Details

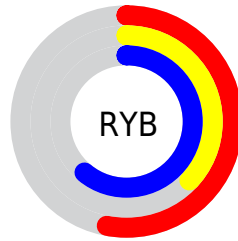
The Hex color **865F9C** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **759C5F**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **BC92D3**, and **533068** is the 20% darker color. If you saturate the color by 10%, you get **804F9C**, and if you desaturate by 10%, it is **8C6F9C**.

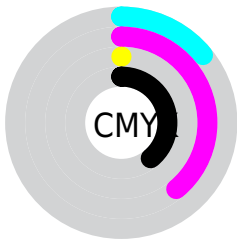
Distribution



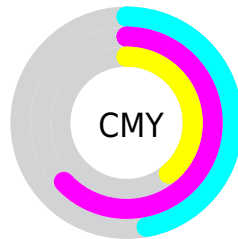
- Red (53%)
- Green (37%)
- Blue (61%)



- Red (53%)
- Yellow (37%)
- Blue (61%)



- Cyan (14%)
- Magenta (39%)
- Yellow (0%)
- Black (39%)



- Cyan (47%)
- Magenta (63%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 865F9C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 865F9C by changing the saturation by 10% instead.

865F9C

865F9C

FFFFFF

6C4782

BC92D3

533068

D8ADEF

3B1950

F5C8FF

230339

FFE5FF

070023

000009

000000

865F9C

865F9C

804F9C

8C6F9C

7B409C

917E9C

75309C

978E9C

6F219C

9D9D9C

6A119C

A2AD9C

64019C

A8BD9C

64009C

ADCC9C

B3DC9C

B9EB9C

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



556CAD



865F9C



A2557F

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



865F9C



8E672E



007F7E

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



865F9C



759C5F

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0B7E5D



865F9C



71722D

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



865F9C



A35B41



4C793F



007C9C

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



865F9C



AA526A



4C793F



007F73

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



865F9C



C3B4CC



5F759C



615866



E6E6E6



666666

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



865F9C



A96CCC



9C5F94



4C474F



5B008F



0A000F

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9C5F75



CC6C8F



5F9C67



4F474A



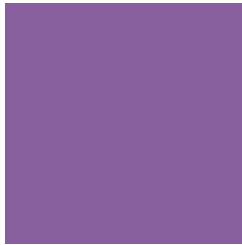
8F0034



0F0006

Previews

White Background



This preview shows how the Hex color 865F9C looks on a white background.

Color Contrast Check

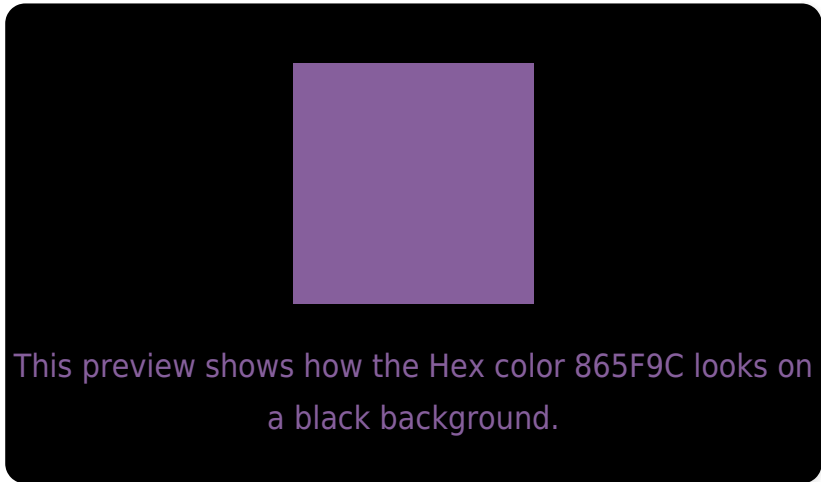
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

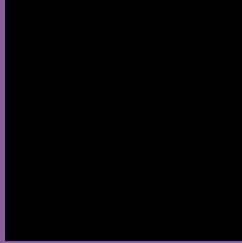
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 865F9C Background



This preview shows how black text looks on a background with the Hex color 865F9C.



This preview shows how white text looks on a background with the Hex color 865F9C.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
7F6870

Trichromacy



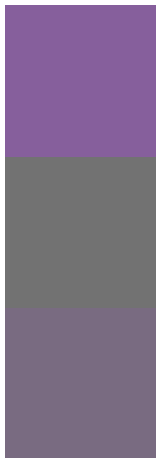
Original Color
865F9C

Protanomaly
6A68A3

Deuteranomaly
6E689A

Tritanomaly
826580

Monochromacy



Original Color
865F9C

Achromatopsia
727272

Achromatomaly
796B81

CSS Examples

Text

The CSS property to change the color of the text to Hex 865F9C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #865F9C looks like.

```
.text, #text, p{  
    color:#865F9C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #865F9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #865F9C
}
```

Border

The CSS property to change the border of an element to Hex 865F9C is called "border". The border property can be set on classes, ids or directly on the HTML element.

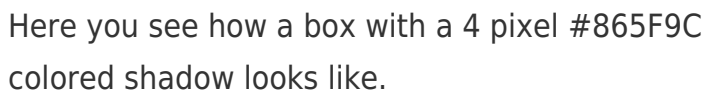
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#865F9C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#865F9C }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #865F9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #865F9C; -webkit-box-shadow:4px 4px  
4px 4px #865F9C; box-shadow:4px 4px 4px  
4px #865F9C }
```

Background

The CSS property to change the background color of an element to Hex 865F9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#865F9C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#865F9C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor